

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A synergistic herbicidal mixture comprising
 - A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole
and
 - B) two herbicides selected from the group including consisting of imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic and imazethapyr; and,
 - C) a triazine selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryne, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine at least one herbicidal compound from the groups C1 to C16:
C1 acetyl-CoA carboxylase inhibitors (ACC):
— cyclohexenone oxime ethers:
alloxydim, clethodim, cloproxydim, cycloxydim, sethoxydim, tralkoxydim, butroxydim, clefoxydim or tepraloxoxydim;
— phenoxyphenoxypropionic esters:
cledinafop-propargyl (and, if appropriate, clequintocet), cyhalofop-butyl, diclofop-methyl, fenoxaprop-ethyl, fenoxaprop-P-ethyl, fenthiapropethyl, fluazifop-butyl, fluazifop-P-butyl, haloxyfop-

~~ethoxyethyl, haloxyfop-methyl, haloxyfop-P-methyl, isoxapryifop, propaquizafop, quizalofop-ethyl, quizalofop-P-ethyl or quizalofop-tetfuryl; or~~

— ~~arylaminopropionic acids:~~

~~flamprop-methyl or flamprop-isopropyl;~~

C2 ~~acetolactate synthase inhibitors (ALS):~~

— ~~imidazolinones:~~

~~imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic or imazethapyr;~~

— ~~pyrimidyl ethers:~~

~~pyrithiobac-acid, pyrithiobac-sodium, bispyribac-sodium, KIH-6127 or pyribenzoxym;~~

— ~~sulfonamides:~~

~~florasulam, flumetsulam or metosulam; or~~

— ~~sulfonylureas:~~

~~amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethametsulfuron-methyl, ethoxysulfuron, flazasulfuron, halosulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, presulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflusulfuron-methyl, N-[[(4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl)amino]carbonyl]-2-(trifluoromethyl)-benzenesulfonamide, sulfosulfuron or iodosulfuron;~~

C3 amides:

— alidechlor (CDAA), benzoylprop-ethyl, bromobutide, chlorthiamid, diphonamid, etobenzanid (benzchlomet), fluthiamide, fosamin or monalide;

C4 auxin herbicides:

— pyridine carboxylic acids:
cipyralid or picloram; or
— 2,4 D or benazolin;

C5 auxin transport inhibitors:

— naptalam or diflufenzopyr;

C6 caroteneoid biosynthesis inhibitors:

— benzofenap, clomazone (dimethazone), diflufenican, fluorochloridone, fluridone, pyrazolynate, pyrazoxyfen, isoxaflutole, isoxachlortole, mesotrione, sulcotriene (chlomesulone), ketospiradox, flurtamone, norflurazon or amitrol;

C7 enolpyruvylshikimate-3-phosphate synthase inhibitors (EPSPS):

— glyphosate or sulfosate;

C8 glutamine synthetase inhibitors:

— bialaphos (bialaphos) or glufosinate ammonium;

C9 lipid biosynthesis inhibitors:

— anilides:

anilofos or mefenacet;
— chloroacetanilides:

~~dimethenamid, S-dimethenamid, acetochlor, alachlor, butachlor,
butenachlor, diethyl ethyl, dimethachlor, metazachlor, metolachlor,
S-metolachlor, pretilachlor, propachlor, prynachlor, terbuchlor,
thenylchlor or xylachlor;~~

—~~thioureas:~~

~~butylate, cycloate, di-allate, dimepiperato, EPTC, esprocarb, molinate,
pebulate, prosulfocarb, thiobencarb (benthiocarb), tri-allate or
vermolate; or~~

—~~benfuresate or perfluidone;~~

C10 ~~mitosis inhibitors:~~

—~~carbamates:~~

~~asulam, carbetamid, chlorpropham, orbencarb, pronamid
(propyzamid), propham or tiocarbazil;~~

—~~dinitroanilines:~~

~~benefin, butralin, dinitramin, ethafluralin, fluchleralin, oryzalin,
pendimethalin, prodiamine or trifluralin;~~

—~~pyridines:~~

~~dithiopyr or thiazopyr; or~~

—~~butamifos, chlorthal-dimethyl (DCPA) or maleic hydrazide;~~

C11 ~~protoporphyrinogen IX oxidase inhibitors:~~

—~~diphenyl ethers:~~

~~acifluorfen, acifluorfen sodium, aclonifen, bifenox, chlornitrofen (CNP),
ethoxyfen, fluoredifen, fluoreglycofen ethyl, fomesafen, furyloxyfen,~~

~~lactofen, nitrofen, nitrofluorfen or oxyfluorfen;~~

—~~oxadiazoles:~~

~~oxadiargyl or oxadiazon;~~

—~~cyclic imides:~~

~~azafenidin, butafenacil, carfentrazone-ethyl, cinidon-ethyl, flumiclorac-pentyl, flumioxazin, flumipropyn, flupropacil, fluthiacet-methyl, sulfentrazone or thidiazimin; or~~

—~~pyrazoles:~~

~~ET-751, JV-485 or nipyraprofen;~~

~~C12 photosynthesis inhibitors:~~

—~~propanil, pyridate or pyridafol;~~

—~~benzothiadiazinones:~~

~~bentazone;~~

—~~dinitrophenols:~~

~~bromofenoxim, dinoseb, dinoseb-acetate, dinoterb or DNOC;~~

—~~dipyridylenes:~~

~~cyperquat chloride, difenzoquat-methylsulfate, diquat or paraquat-dichloride;~~

—~~ureas:~~

~~chlorbromuron, chlorotoluron, difenoxuron, dimefuron, diuron, ethidimuron, fenuron, fluometuron, isoproturon, isouron, linuron, methabenzthiazuron, methazole, metobenzuron, motoxuron, monolinuron, neburon, siduron or tebuthiuron;~~

— phenols:

bromoxynil or ioxynil;

— chloridazon;

— triazines:

ametryn, atrazine, cyanazine, desmetryn, dimethamethryne,

hexazinone, premeton, prometryn, propazine, simazine, simetryn,

terbumeton, terbutryn, terbutylazine or trietazine;

— triazinones:

metamitron or metribuzine;

— uracils:

bromacil, lenacil or terbacil; or

— biscarbamates:

desmedipham or phenmedipham;

C13 synergists:

— oxiranes:

tridiphane;

C14 growth substances:

— aryloxyalkanoic acids:

2,4-DB, clomeprop, dichlorprop, dichlorprop-P (2,4-DP-P), fluoroxypryn,

MCPA, MCPB, mecoprop, mecoprop-P, or triclopyr;

— benzoic acids:

chloramben or dicamba; or

— ~~quinolinecarboxylic acids:~~

~~quinclorac or quinmerac;~~

~~C15 cell wall synthesis inhibitors:~~

— ~~isoxaben or dichlobenil;~~

~~C16 various other herbicides:~~

— ~~dichloropropionic acids:~~

~~dalapon;~~

— ~~dihydrobenzofurans:~~

~~ethofumesate;~~

— ~~phenylacetic acids:~~

~~chlorfenac (fenac); or~~

— ~~aziprotryn, barban, bensulide, benzthiazuron, benzofluor, buminafos,~~
~~buthidazole, buturon, cafenstrole, chlorbufam, chlorfenprop-methyl,~~
~~chloroxuron, cinmethylin, cumyluron, cycluron, cyprazine, cyprazole,~~
~~dibenzyluron, dipropetryn, dymron, egliazin-ethyl, endothall, ethiozin,~~
~~flucabazole, fluorbentranil, flupoxam, isocarbamid, isopropalin,~~
~~karbutilate, mefluidide, monuron, napropamide, napropanilide, nitralin,~~
~~exaciromefone, phenisopham, piperophos, procyzazine, profluralin,~~
~~pyributicarb, sebumeton, sulfallate (CDEC), terbucarb, triazofenamid,~~
~~triaziflan or trimeturon;~~

or their environmentally compatible salts;

in a synergistically effective amount.

Claims 2 - 7. (Canceled)

8. (Previously Presented) A synergistic herbicidal mixture as claimed in claim 1,
comprising as component B) imazapyr and imazethapyr.

9. (Previously Presented) A synergistic herbicidal mixture as claimed in claim 1,
comprising as component B) imazapic and imazapyr.

Claims 10 - 22. (Canceled)

23. (Previously presented) A synergistic herbicidal mixture as claimed in claim 1
comprising, as component A) 4-[2-methyl-3-(4,5-dihydroisoxa-zol-3-yl)-4-
methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole, as component B)
imazapyr and imazethapyr as component C) atrazine.

24. (Canceled)

25. (Canceled)

26. (Previously presented) A synergistic herbicidal mixture as claimed in claim 1
comprising, as component A) 4-[2-methyl-3-(4,5-dihydroisoxa-zol-3-yl)-4-
methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole, as component B)
imazapic and imazapyr as component C) atrazine.

27. (Previously presented) Synergistic herbicidal mixture as claimed in claim 1, wherein component A) and B) are present in a weight ratio of 1:0.001 to 1:500.

28. (Previously presented) Synergistic herbicidal mixture as claimed in claim 1 , wherein component A) and component C) are present in a weight ratio of 1:0.002 to 1:800.

29. (Previously presented) A herbicidal composition comprising a herbicidally active amount of a synergistic herbicidal mixture as claimed in claim 1, at least one inert liquid and/or solid carrier and, if desired, at least one surfactant.

30. (Previously presented) A process for the preparation of herbicidal compositions as claimed in claim 29, comprising mixing component A), component B), if desired, component C), at least one inert liquid and/or solid carrier and, if appropriate, a surfactant.

31. (Currently amended) A method of controlling undesired vegetation, comprising applying simultaneously or separately to said vegetation, the environment of said vegetation and/or seeds of said vegetation

A) 4-[2-methyl-3-(4,5-dihydroisoxazol-3-yl)-4-methylsulfonyl-benzoyl]-1-methyl-5-hydroxy-1H-pyrazole;

and

B) two herbicides selected from the group ~~including~~ consisting of imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic and imazethapyr; and

C) a triazine selected from the group consisting of ametryn, atrazine, cyanazine, desmetryn, dimethamethryn, prometon, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine and trietazine at least one ~~herbicultural~~ compound from the groups C1 to C16:

C1 ~~acetyl-CoA carboxylase inhibitors (ACC):~~

— ~~cyclohexenone oxime ethers:~~

~~alloxydim, clethodim, cloproxydim, cycloxydim, sethoxydim, tralkoxydim, butroxydim, clefoxydim or tepraloxydim;~~

— ~~phenoxyphenoxypropionic esters:~~

~~cldinofop-propargyl (and, if appropriate, cloquintocet), cyhalofop-butyl, diclofop-methyl, fenoxaprop-ethyl, fenoxaprop-P-ethyl, fenthiapropethyl, fluazifop-butyl, fluazifop-P-butyl, haloxyfop-ethoxyethyl, haloxyfop-methyl, haloxyfop-P-methyl, isoxaprifop, propaquizafop, quizalofop-ethyl, quizalofop-P-ethyl or quizalofop-tefuryl; or~~

— ~~arylaminopropionic acids:~~

~~flamprop-methyl or flamprop-isopropyl;~~

C2 ~~acetolactate synthase inhibitors (ALS):~~

— ~~imidazolinones:~~

~~imazapyr, imazaquin, imazamethabenz-methyl, imazamox, imazapic or~~

~~imazethapyr;~~

— ~~pyrimidyl ethers:~~

~~pyrithiobac acid, pyrithiobac sodium, bispyribac sodium, KIH 6127 or~~

~~pyribenzoxym;~~

— ~~sulfonamides:~~

~~florasulam, flumetsulam or metosulam; or~~

— ~~sulfonylureas:~~

~~amidosulfuron, azimsulfuron, bensulfuron-methyl, chlorimuron-ethyl, chlorsulfuron, cinosulfuron, cyclosulfamuron, ethamsulfuron-methyl, ethoxysulfuron, flazasulfuron, halesulfuron-methyl, imazosulfuron, metsulfuron-methyl, nicosulfuron, primisulfuron-methyl, presulfuron, pyrazosulfuron-ethyl, rimsulfuron, sulfometuron-methyl, thifensulfuron-methyl, triasulfuron, tribenuron-methyl, triflusulfuron-methyl, N-[[(4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl)amine]carbonyl]-2-(trifluoromethyl)benzenesulfonamide, sulfosulfuron or iodosulfuron;~~

C3 — ~~amides:~~

— ~~allidochlor (CDAA), benzoylprop-ethyl, bromobutide, chlorthiamid, diphenamid, etobenzanid (benzchlomet), fluthiamide, fosamin or monalide;~~

C4 — ~~auxin herbicides:~~

— ~~pyridine carboxylic acids:~~

~~clopyralid or picloram; or~~

— ~~2,4-D or benazolin;~~

C5 auxin transport inhibitors:

— naptalamo or diflufenzopyr;

C6 carotenoid biosynthesis inhibitors:

— benzofenap, clomazone (dimethazone), diflufenican, fluorchloridone, fluridone, pyrazolynate, pyrazoxyfen, isoxaflutole, isoxachlortole, mesotrione, sulcotriione (chlomesulone), ketospiradox, flurtamone, norflurazon or amitrol;

C7 enolpyruvylshikimate-3-phosphate synthase inhibitors (EPSPS):

— glyphosate or sulfosate;

C8 glutamine synthetase inhibitors:

— bialaphos (bialaphos) or glufosinate ammonium;

C9 lipid biosynthesis inhibitors:

— anilides:

anilofos or mefenacet;

— chloroacetanilides:

dimethenamid, S-dimethenamid, acetochlor, alachlor, butachlor, butenachlor, diethyl-ethyl, dimethachlor, metazachlor, metolachlor, S-metolachlor, pretilachlor, propachlor, prynachlor, terbuchlor, thienylchlor or xylachlor;

— thioureas:

butylate, cycloate, di-allate, dimepiperate, EPTC, esprocarb, molinate, pebulate, prosulfocarb, thiobencarb (benthiocarb), tri-allate or vernolate; or

— ~~benfuresate or perfluidone;~~

C10 ~~mitosis inhibitors:~~

— ~~carbamates:~~

~~asulam, carbetamid, chlorpropham, orbencarb, pronamid (propyzamid), propham or tiocarbazil;~~

— ~~dinitroanilines:~~

~~benefin, butralin, dinitramin, ethalfluralin, fluchloralin, oryzalin, pendimethalin, prodiame or trifluralin;~~

— ~~pyridines:~~

~~dithiopyr or thiazopyr; or~~

— ~~butamifos, chlorthal-dimethyl (DCPA) or maleic hydrazide;~~

C11 ~~protoporphyrinogen IX oxidase inhibitors:~~

— ~~diphenyl ethers:~~

~~acifluorfen, acifluorfen-sodium, aclonifen, bifenox, chlornitrofen (CNP), ethoxyfen, fluorodifen, fluoroglycofen-ethyl, fomesafen, furyloxyfen, lactofen, nitrofen, nitrofluorfen or oxyfluorfen;~~

— ~~oxadiazoles:~~

~~exadiargyl or exadiazon;~~

— ~~cyclic imides:~~

~~azafenidin, butafenacil, carfentrazone-ethyl, cinidon-ethyl, flumiclorac-pentyl, flumioxazin, flumipropyn, flupropacil, fluthiacet-methyl, sul-fentrazone or thidiazimin; or~~

— ~~pyrazoles:~~

~~ET 751, JV 485 or nipyraprofen;~~

C12 photosynthesis inhibitors:

— propanil, pyridate or pyridafol;

— benzothiadiazinones:

bentazone;

— dinitrophenols:

bromofenoxim, dinoseb, dinoseb-acetate, dinoterb or DNOC;

— dipyridylenes:

cyperquat-chloride, difenzoquat-methylsulfate, diquat or paraquat-dichloride;

— ureas:

chlorbromuron, chlorotoluron, difenoxuron, dimefuron, diuron, ethidimuron, fenuron, fluometuron, isoproturon, isouron, linuron, methabenzthiazuron, methazole, metobenzuron, metoxuron, monolinuron, neburon, siduron or tebuthiuron;

— phenols:

bromoxynil or ioxynil;

— chloridazon;

— triazines:

ametryn, atrazine, cyanazine, desmetryn, dimethametryn, hexazinone, premeton, prometryn, propazine, simazine, simetryn, terbumeton, terbutryn, terbutylazine or trietazine;

— triazinones:

~~metamitron or metribuzine;~~

— ~~uracils:~~

~~bromacil, lenacil or terbacil; or~~

— ~~biscarbamates:~~

~~desmedipham or phenmedipham;~~

C13 synergists:

— ~~exiranes:~~

~~tridiphane;~~

C14 growth substances:

— ~~aryloxyalkanoic acids:~~

~~2,4-DB, clomeprop, dichlorprop, dichlorprop-P (2,4-DP-P), fluoroxypry,~~

~~MCPA, MCPB, mecoprop, mecoprop-P, or triclopyr;~~

— ~~benzoic acids:~~

~~chloramben or dicamba; or~~

— ~~quinolinecarboxylic acids:~~

~~quinclorac or quinmerac;~~

C15 cell wall synthesis inhibitors:

— ~~isoxaben or dichlobenil;~~

C16 various other herbicides:

— ~~dichloropropionic acids:~~

~~dalapon;~~

— ~~dihydrobenzofurans:~~

~~ethofumesate;~~

~~— phenylacetic acids:~~

~~chlorfenac (fenac); or~~

~~— aziprotryn, barban, bensulide, benzthiazuron, benzofluor, buminafos,~~
~~buthidazole, buturon, cafenstrole, chlorbufam, chlorfenprop-methyl,~~
~~chloroxuron, cinmethylin, cumyluron, cycluron, cyprazine, cyprazole,~~
~~dibenzyluron, dipropetryn, dymron, eglinazin-ethyl, endothall, ethiozin,~~
~~flucabazole, fluorbentranil, flupoxam, isocarbamid, isopropalin,~~
~~karbutilate, mefluidide, monuron, napropamide, napropanilide, nitralin,~~
~~exaciromefone, phenisopham, piperophos, procyzazine, profluralin,~~
~~pyributicarb, sebumeton, sulfallate (CDEC), terbucarb, triazofenamid,~~
~~triaziflan or trimeturon;~~

or their environmentally compatible salts;

in a synergistically effective amount.

32. (Previously Presented) The method of claim 31, wherein the undesired vegetation is proximate crop plants, and the application is to the leaves of the crop plant and of the undesired vegetation.

33. (New) The synergistic herbicidal mixture according to claim 1, wherein said triazine is atrazine.